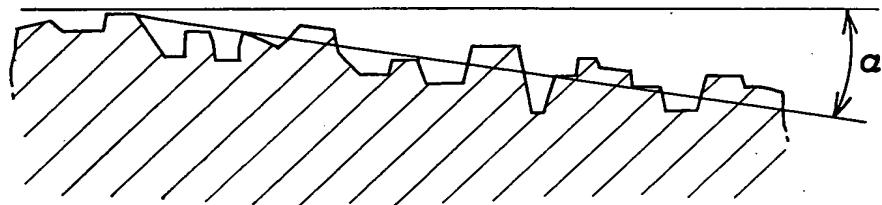
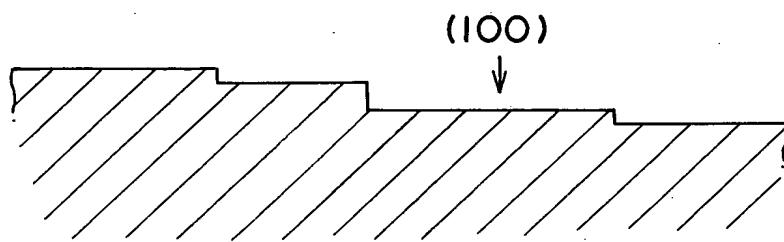


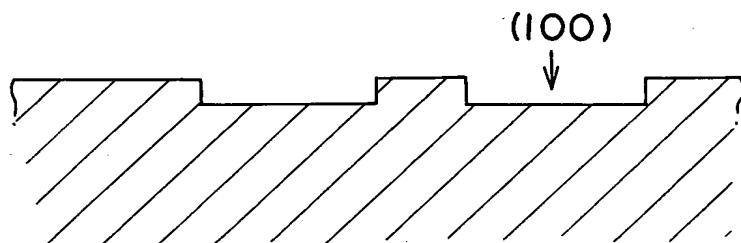
09/926188



**FIG. 1A**



**FIG. 1B**



**FIG. 1C**

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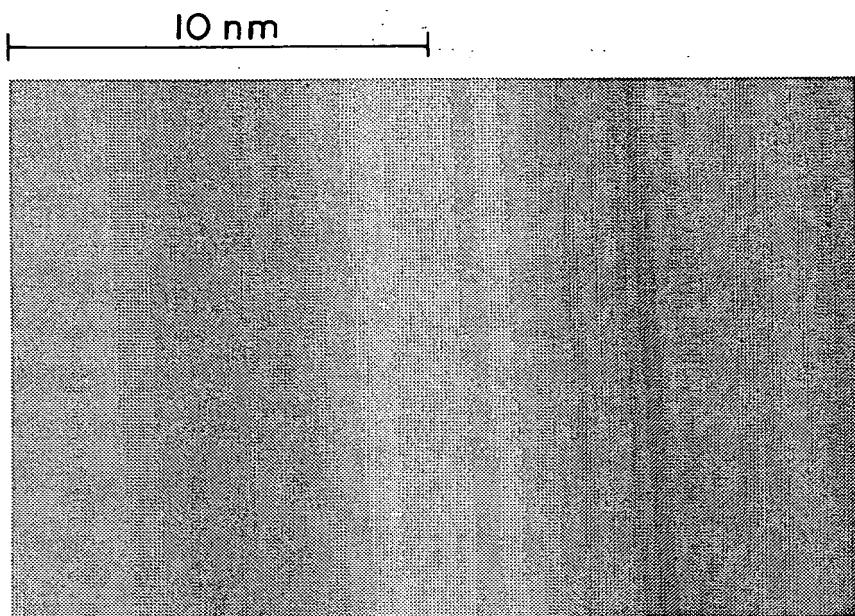


FIG. 2A

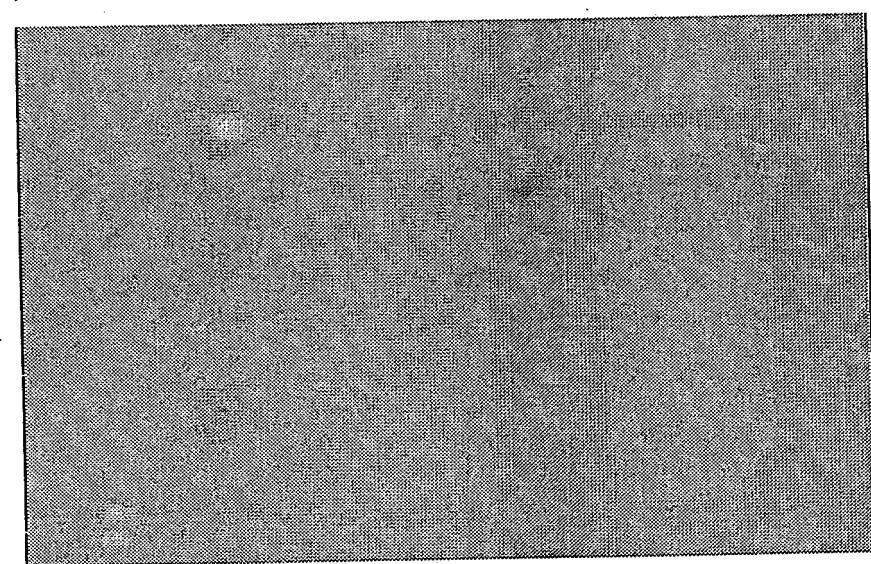


FIG. 2B

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09/926188

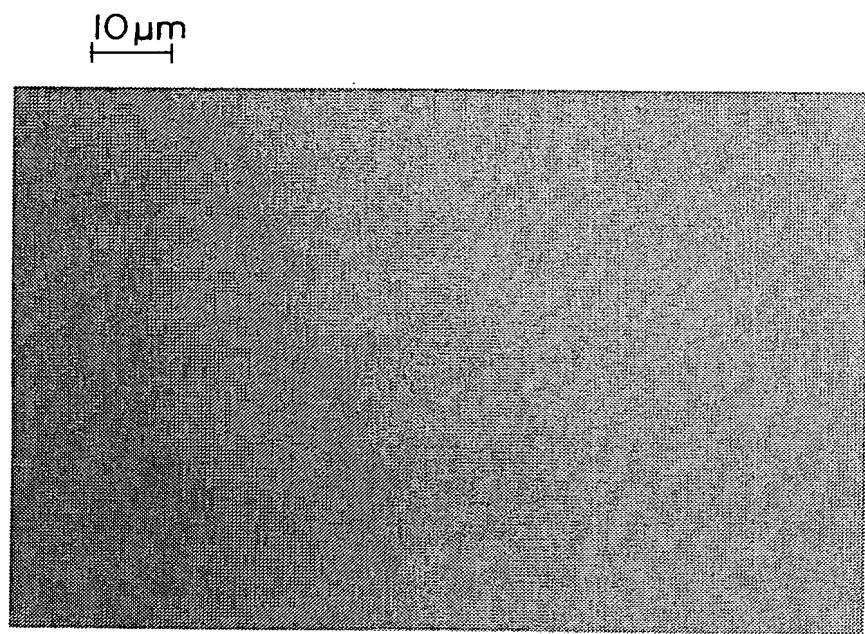


FIG. 3A

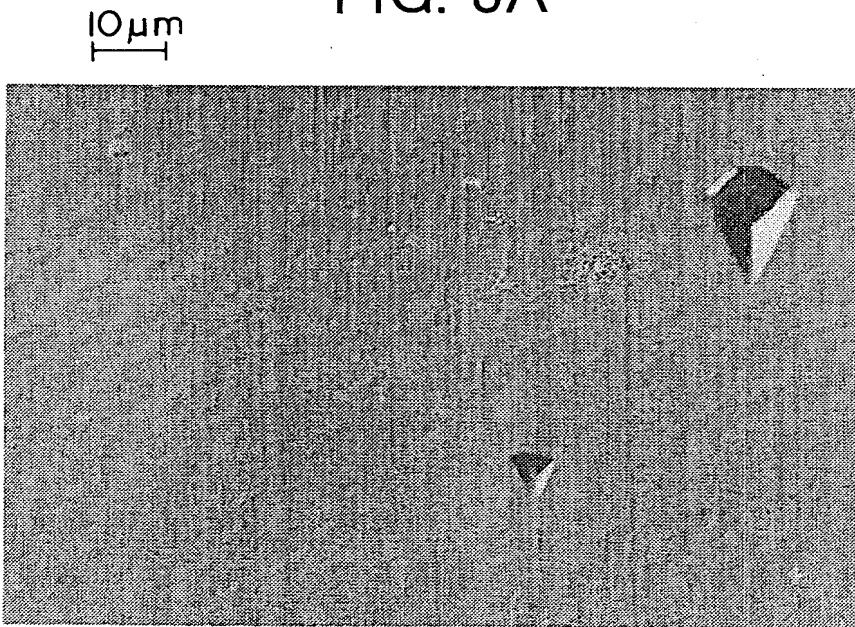


FIG. 3B

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RECORDED - INDEXED - SERIALIZED  
T-20

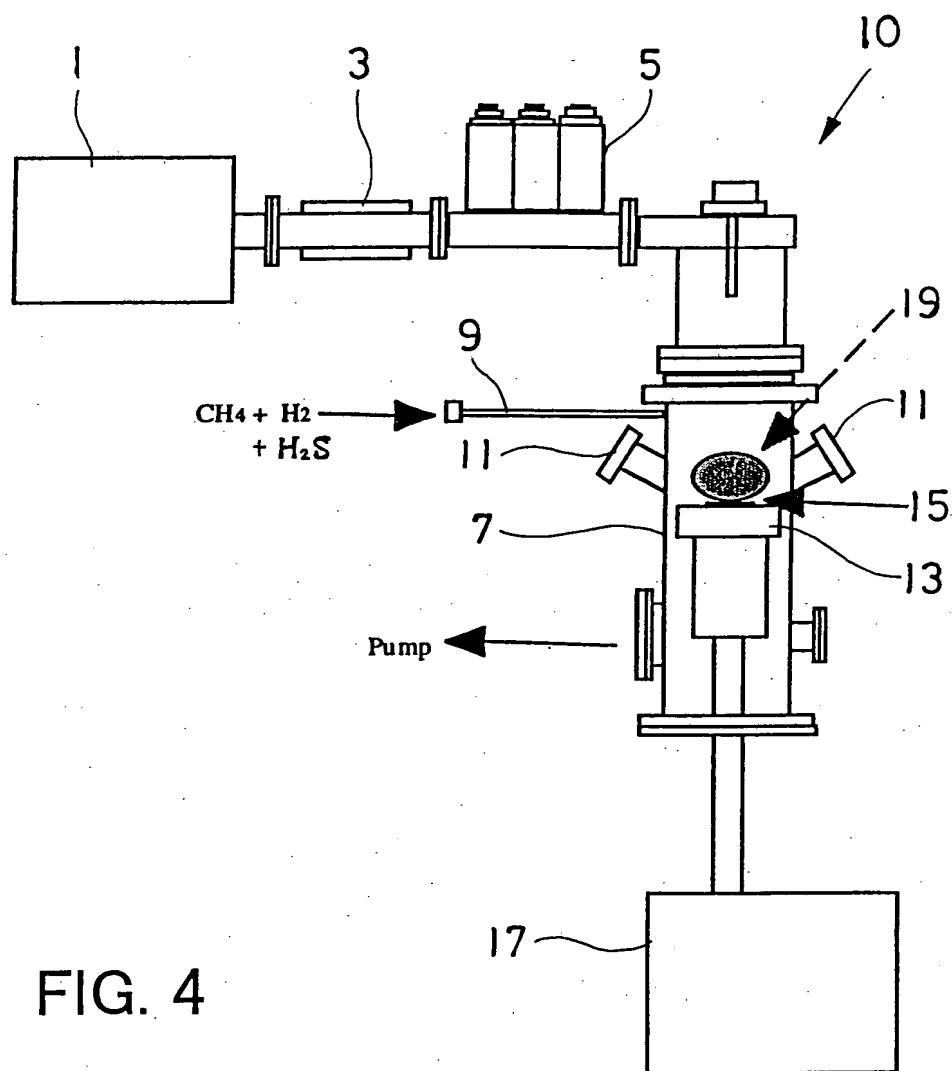


FIG. 4

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Gas source	$\text{CH}_4 / \text{H}_2 \text{ S}/\text{H}_2$
$\text{CH}_4$ Concentration	1. 0%
$\text{H}_2\text{S}$ Concentration	10~100 ppm
S/C Ratio	1 0 0 0 ~ 1 0 0 0 0 ppm
Total gas flow rate	2 0 0 m l min <sup>-1</sup>
Gas pressure	4 0 T or r
Microwave	2. 4 5 GHz , 3 0 0 ~ 4 0 0 W
Substrate temperature	8 3 0 °C
Diamond substrate	HP-HTib Diamond (100)

FIG. 5

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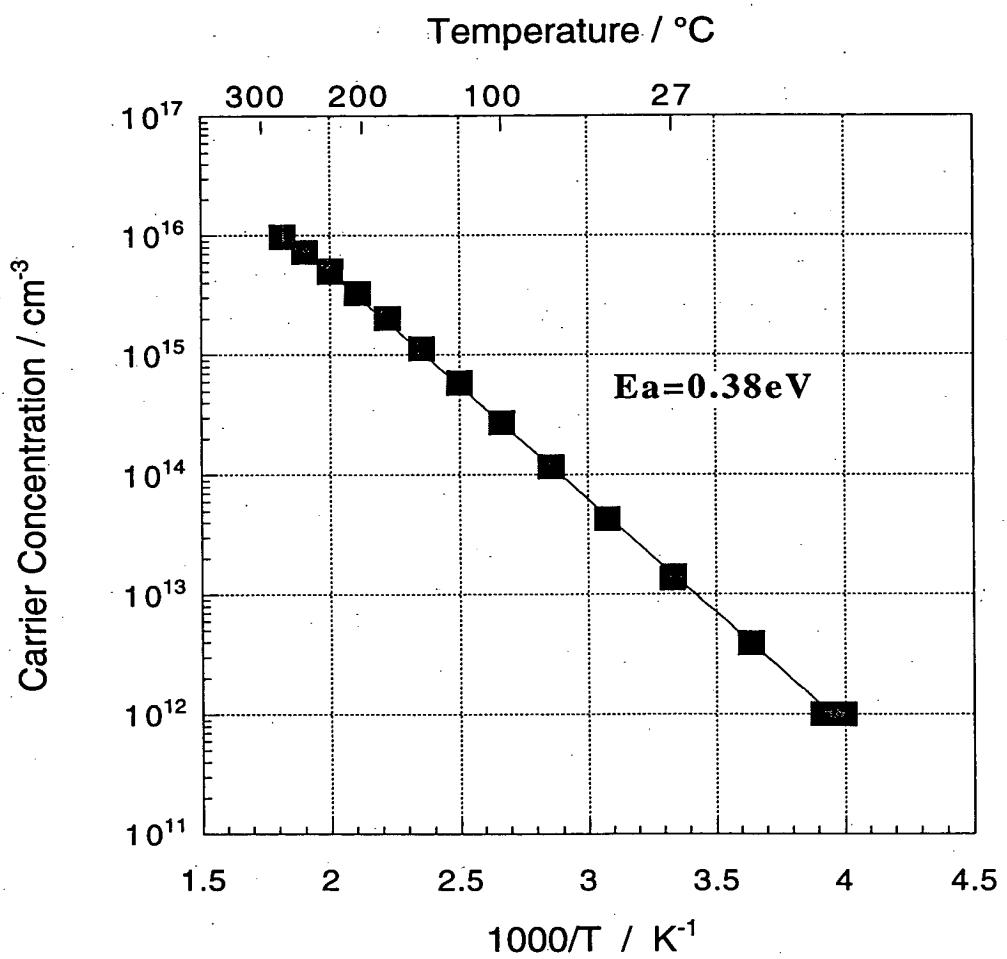


FIG. 6

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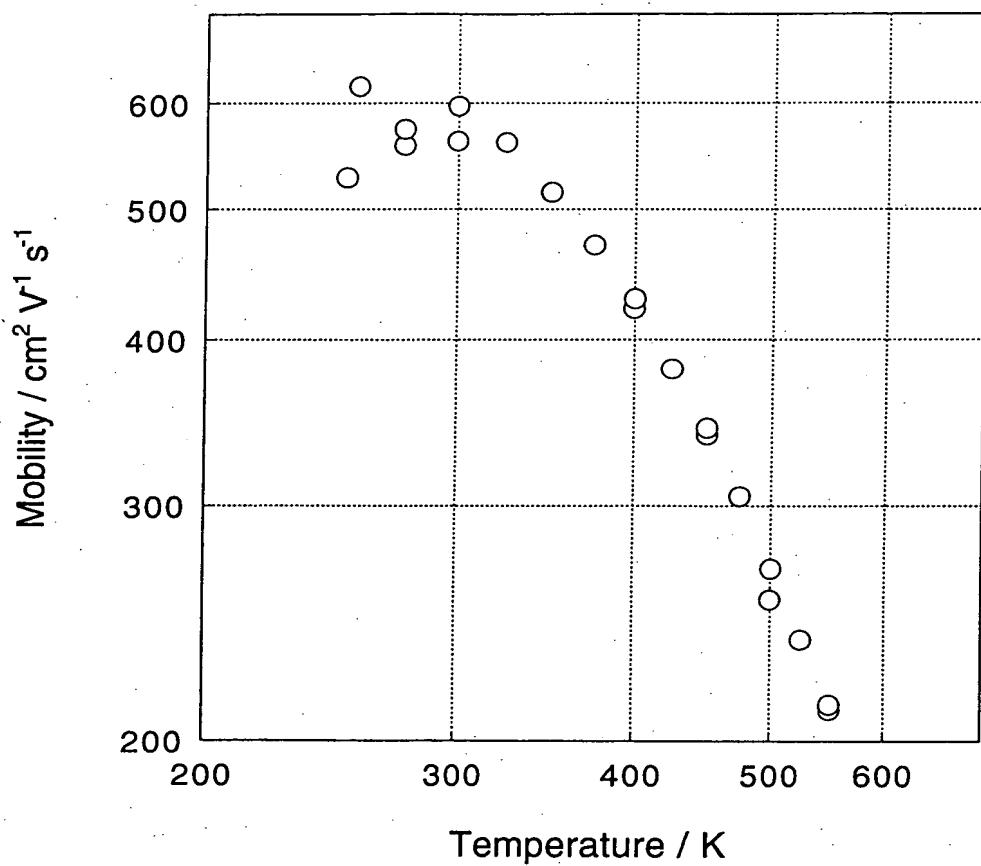


FIG. 7

09/926188

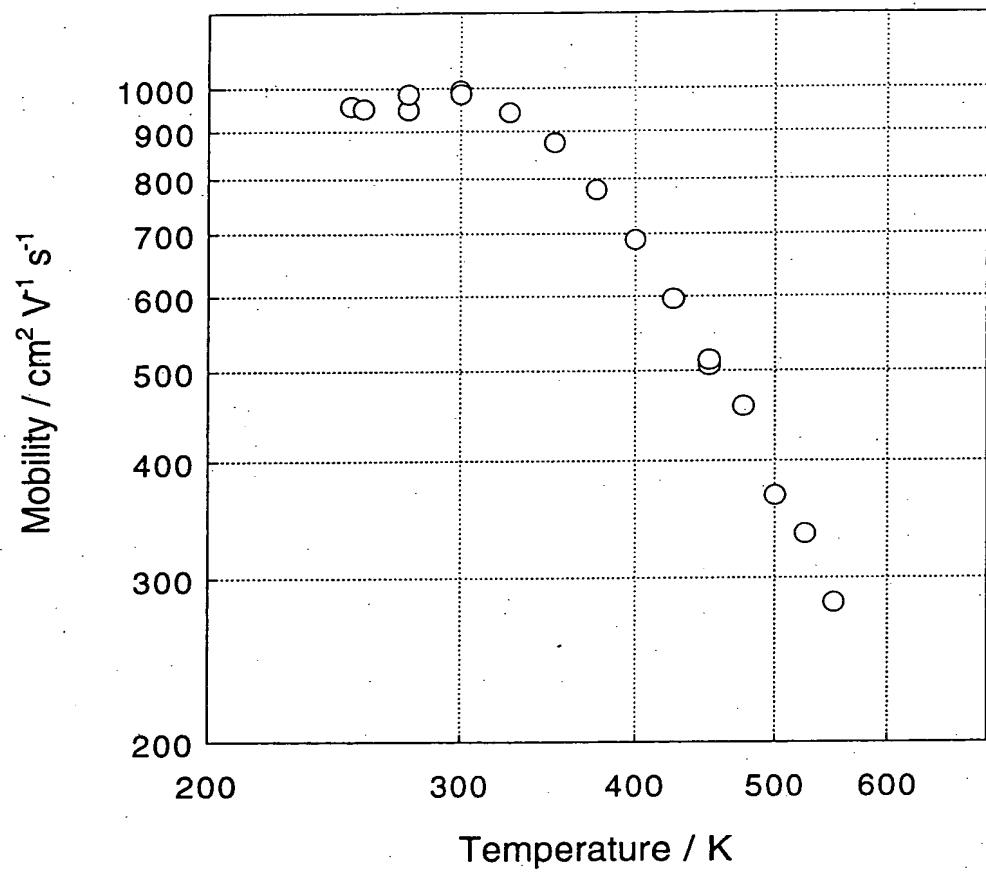


FIG. 8

09/926188

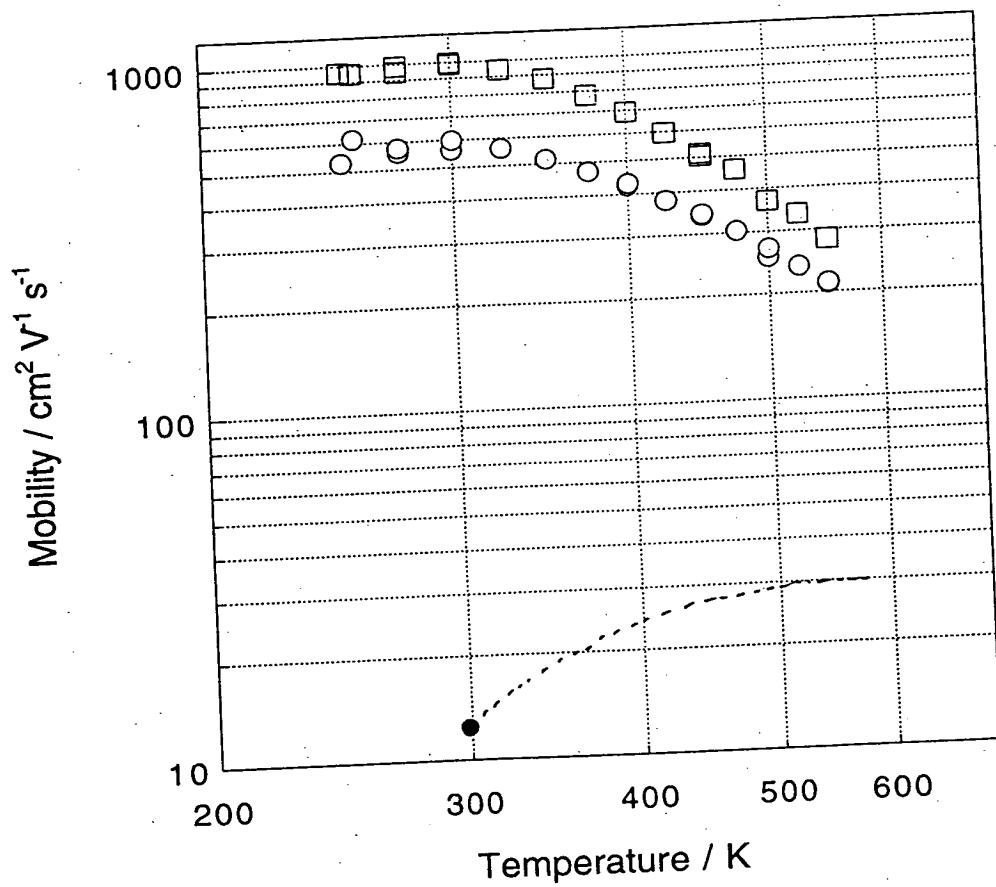


FIG. 9

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W. L. BRADLEY - 09/926188

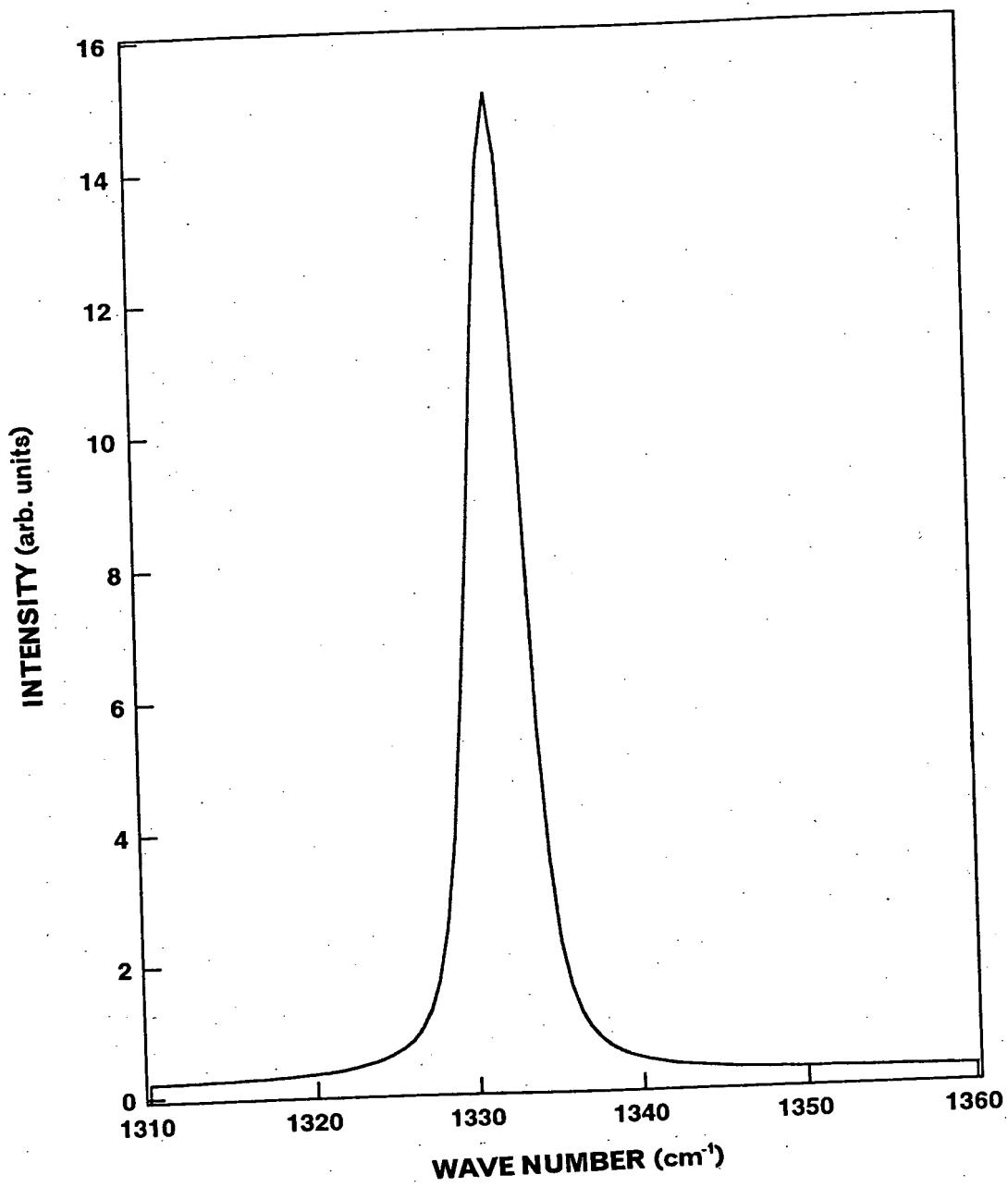


FIG. 10

09/926188

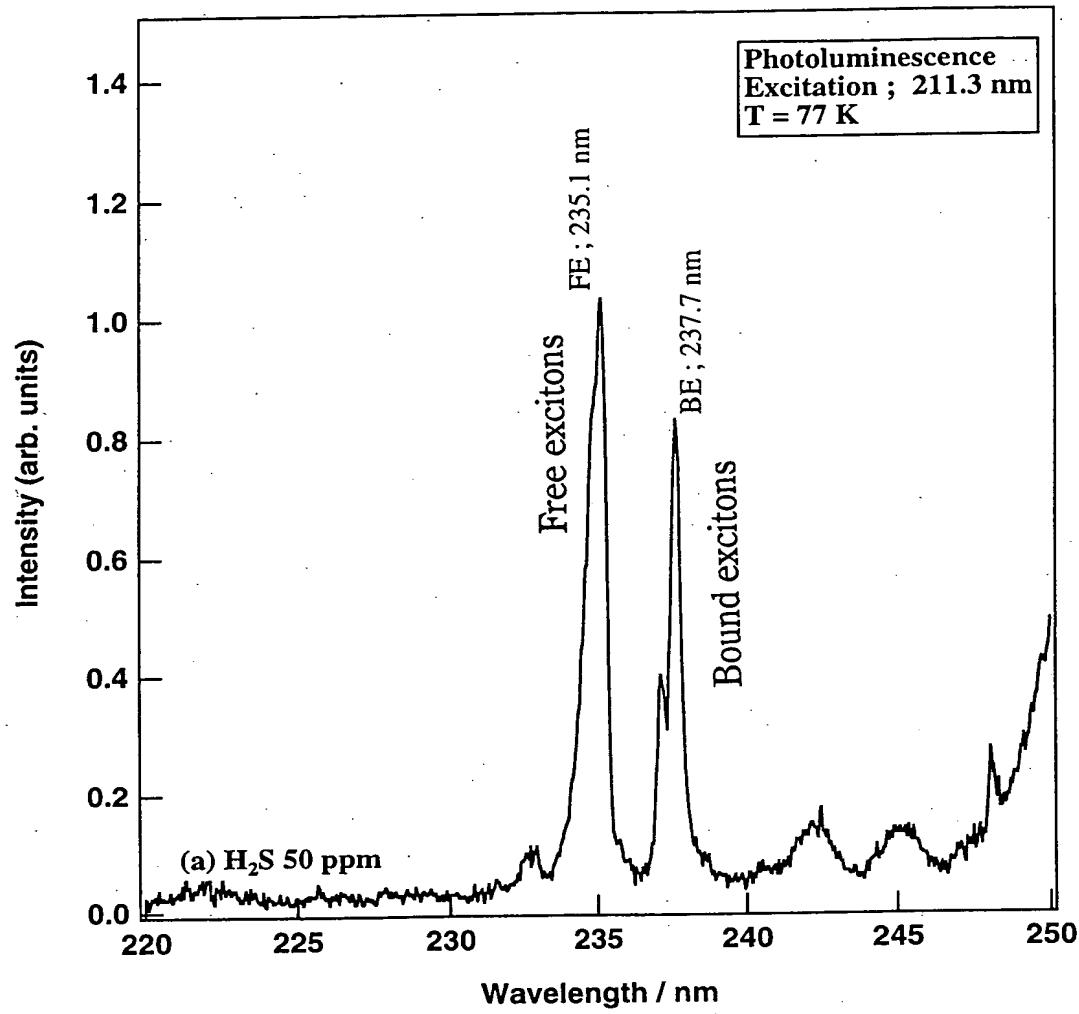


FIG. 11

09/926188

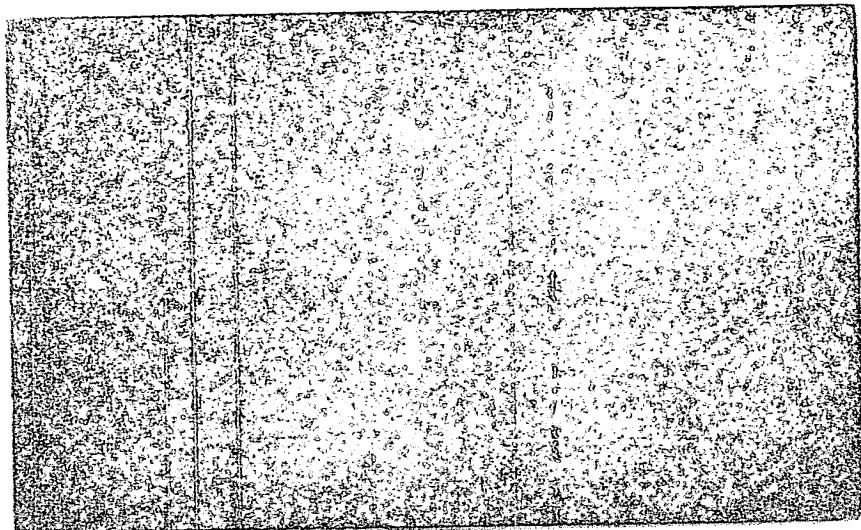


FIG. 12A

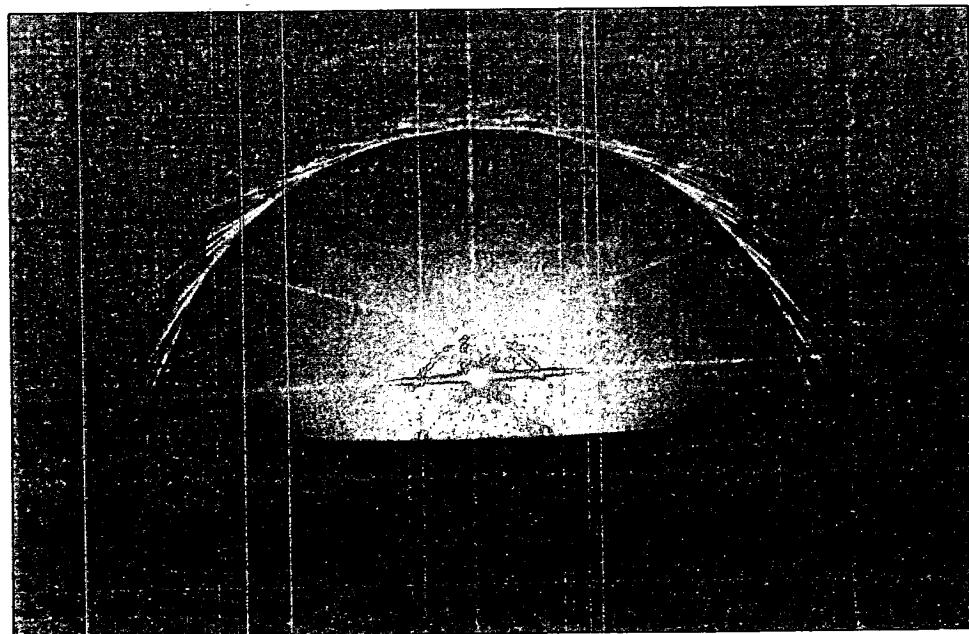


FIG. 12B

09/926188

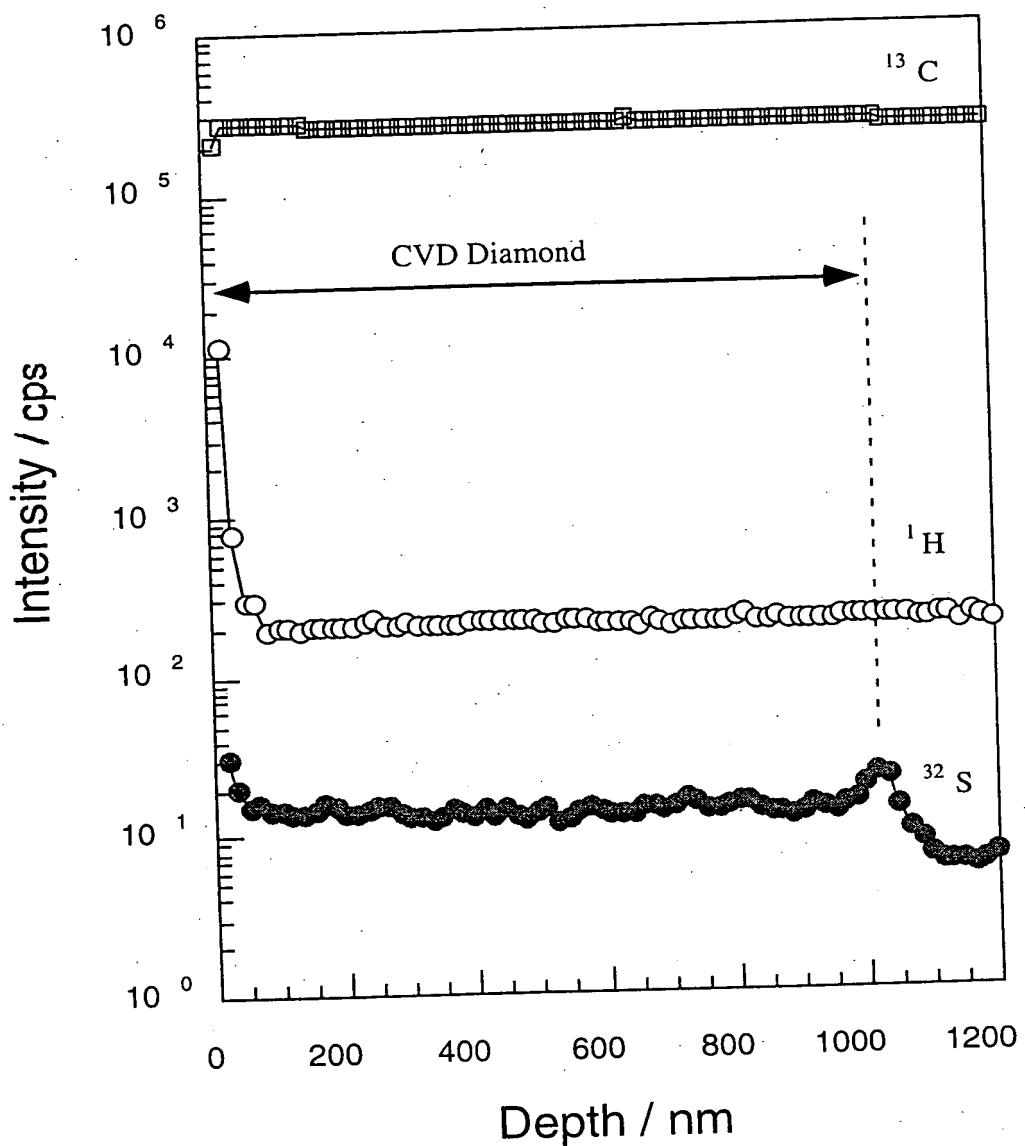


FIG. 13